

Name: _____ ID: _____ Date: _____

General Education Requirements:

Group I- English Composition and Literature (2 courses)

- A. ENGL 103 ("C" or better) or HONR 111 _____ 3-4
 B. Literature (either ENGL or MDFL) _____ 3-4

Group II- History (2 courses)

- A. HIST 101, 102, or 103 _____ 3-4
 B. HIST 101, 102, 103, or a HIST course above 103 _____ 3-4

Group III-Humanities & Social Sciences (3 courses)

- A. Select one course from one of the following six areas:
 ART, CMAT, DANC or THEA, MDFL, MUSC, PHIL, or HONR 211
 _____ 3-4
- B. Select one course from one of the following seven areas: ANTH, CADR, ECON, Human GEOG, POSC, PSYC, SOCI, or HONR 112
 _____ 3-4
- C. Select one course from either Group IIIA or III B (course must be from a different area than previously selected)
 _____ 3-4

Group IV- Natural Science, Math, and Computer Science (4 courses)

- A. Select courses with laboratories from at least two of the following four areas (at least six credit hours total): BIOL, CHEM, GEOL or Physical GEOG, PHYS
 Satisfied by major _____
 Satisfied by major _____
- B. Select one of the following courses (must be taken from Group IVA or ENVH or COSC or MATH)
 Satisfied by major _____ X _____
- C. Select one course from MATH
 Satisfied by major _____ X _____

Group V-Health Fitness (1 course)

- PHEC 106 _____ 3

ELECTIVES Sem/Yr Credit Grade

Sem/Yr	Credit	Grade
_____	_____	_____
_____	_____	_____
_____	_____	_____

University Policies

- Refer to the SU catalog for approved general education courses.
- Requirements may not equal 120 credit hours. Students must register for additional electives to complete 120 credits required for graduation.
- All graduates must have a minimum of 30 credits of 300/400 level courses with "C" grade or above; at least 15 of those credits must be taken at SU.
- Students must have a minimum cumulative GPA of 2.0 for graduation.
- Students must complete at least 30 credits hours by direct classroom instruction and/or laboratory experience.
- Students must take 30 of the last 37 credit hours at SU.
- Students should consult the degree progress report in GullNet for information on their academic progress.
- It is the student's responsibility to satisfy graduation requirements. Please refer to the SU catalog for detailed major requirements.
- Students must apply online for graduation by Nov. 15 for May, and by May 15 for December.

Major Requirements:

	Sem/Yr	Grade
BIOLOGY CORE		
*BIOL 210	Biology: concepts & Methods	_____ 4
*BIOL 212	Intro to Plant Biology	_____ 4
*BIOL 213	Zoology	_____ 4
BIOL 350	Cell Biology	_____ 4

- One of the following:
- | | | |
|-----------------------------------|--------------------|-----------|
| <input type="checkbox"/> BIOL 360 | Genetic Analysis | } _____ 4 |
| <input type="checkbox"/> BIOL 370 | Molecular Genetics | |

- BIOL 418 Seminar _____ 1

ADDITIONAL BIOLOGY COURSE WORK

- BIOL 310 ECOLOGY _____ 4

ENVIRONMENTAL MARINE SCIENCE

- **UMES COURSES – "C" OR BETTER REQUIRED
- **BIOL 201 Marine Zoology _____ 4
 **BIOL 202/3 Marine Botany _____ 4
 BIOL 401 Wetland Ecology _____ 4
 BIOL 410 Estuarine Biology _____ 3
 **ENV SCI 202/4 Oceanography _____ 4
 **ENV SCI 221/2 Principles of Environ. Science _____ 4
 **ENV SCI 403/405 Marine Ecotoxicology _____ 4
 **ENV SCI 460 Earth Science _____ 3

COURSE WORK IN RELATED SCIENCES

- *CHEM 121 General Chemistry I _____ 4
 *CHEM 122 General Chemistry II _____ 4
 CHEM 221 Organic Chemistry I _____ 4
 PHYS 121 General Physics I _____ 4
 PHYS 123 General Physics II _____ 4

- One of the following:
- | | | |
|-----------------------------------|-----------------------------|-------------|
| <input type="checkbox"/> GEOG 104 | Earth and Space Science (4) | } _____ 3-4 |
| <input type="checkbox"/> GEOG 105 | Intro to Physical Geog (4) | |
| <input type="checkbox"/> GEOG 219 | Map Analysis (3) | |

- MATH 155 _____ 3

- One of the following:
- | | | |
|-----------------------------------|-------------------------------|-------------|
| <input type="checkbox"/> MATH 201 | Calculus I (4) | } _____ 3-4 |
| <input type="checkbox"/> MATH 160 | Intro to Applied Calculus (3) | |

- One of the following:
- | | | |
|------------------------------------|-------------------------------|-------------|
| <input type="checkbox"/> MATH 202 | Calculus II (4) | } _____ 3-4 |
| <input type="checkbox"/> ENV ELECT | Environ. Elective (see below) | |

Environmental Electives:

- | | |
|-----------------------------------|--------------------------------|
| GEOG 311 Coastal Processes | GEOG 411 Geomorphology |
| GEOG 319 Geogr. Information Sci | ECON 415 Environ. Economics |
| GEOG 321 Remote Sensing | POSC 360 Environmental Policy |
| GEOG 401 Soil, Water, Environment | BIOL 433 Environ. Microbiology |
| GEOG 402 Environmental Planning | |

Departmental Policies

- A "C" or better is required in BIOL 210, 211, 212, or 213, and CHEM 121 and 122 before taking any courses for which they are a prerequisite and as a requirement for graduation.
- Complete 40 hours of Biology courses with a minimum GPA of 2.0; 20 of those hours must be at the 300/400 level.